

+

+

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

(use as many sheets as necessary)

1

of

1

09/720.451

March 21, 2000

Saverio Carl Falco et al.

Unknown

~~Unknown~~

BB1179 US PCT

OIPE JC169 Initials
APR 16 2007 FIELD OFFICE
PATENT & TRADEMARK OFFICE

[illegible][illegible]

DL

2/27/03

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231

+

Please type a plus sign (+) inside this box →



PTO/SB/08B(08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	09/720,451
Filing Date	December 21, 2000
First Named Inventor	Saverio Carl Falco et al.
Group Art Unit	Unknown 1652
Examiner Name	Unknown Ramirez, D.
Attorney Docket Number	BB1179 USPCT

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JL		EMBL LIBRARY SEQUENCE DATA ACCESSION NO: C26645, 08-06-1997, SASAKI, T., Rice cDNA from callus, XP-002119521	
JL		EMBL LIBRARY SEQUENCE DATA ACCESSION NO: D48925, 03-09-1995, SASAKI, T. ET AL., Rice cDNA from shoot, XP-002119522	
JL		EMBL LIBRARY SEQUENCE DATA ACCESSION NO: D46316, 03-09-1995, SASAKI, T. ET AL., Rice cDNA from shoot, XP-002119523	
JL		JOHARA M. NOUR ET AL., Journ. of Biol. Chem., vol. 267:23:16292-16296, 1992, Isolation and Sequencing of the cDNA Coding for Spinach 10-Formyltetrahydrofolate Synthetase	
JL		CLARENCE DENIS PETERSON, University Microfilms, Int., 1979, pp.109, Antifolate Studies: The Evaluation of Folate Analogues as Inhibitors of Formyltetrahydrofolate Synthetase, Methenyltetrahydrofolate Cyclohydrolase and Methylenetetrahydrofolate Dehydrogenase	
JL		M. BENNER ET AL., Maize Genetics Cooperation newsletter, No. 69, pp.89, 1995, Amplification of the Methylenetetrahydrofolate Reductase Gene	
JL		EMBL LIBRARY SEQUENCE DATA ACCESSION NO: AA660667, 11-14-97, COVITZ, PA. ET AL., Expressed Sequence Tags from a Root hair-Enriched Medicago Truncatula cDNA Library	
JL		MARY G. WEST ET AL., Journ. of Biol. Chem., vol. 268(1):153-160, 1993, Cloning and Characterization of the Saccharomyces cerevisiae Gene Encoding NAD-dependent 5, 10-Methylenetetrahydrofolate Dehydrogenase	
JL		Linda D'Ari et al., Journ. of Biol. Chem., vol. 266(35):23953-23958, 1991, Purification, Characterization, Cloning, and Amino Acid Sequence of the Bifunctional Enzyme 5,10-Methylenetetrahydrofolate Dehydrogenase/5,10-Methylenyltetrahydrofolate Cyclohydrolase from Escherichia coli	
JL		STEPHEN F. ALTSCHUL ET AL., J. Mol. Biol., vol. 215:403-410, 1990, Basic Local Alignment Search Tool	
JL		WARREN GISH ET AL., Nature Genetics, vol. 3:266-272, 1992, Identification of protein coding regions by database similarity search	

Examiner
Signature

Date
Considered

2/27/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08B(08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	09/720,451
Filing Date	December 21, 2000
First Named Inventor	Saverio Carl Falco et al.
Group Art Unit	Unknown 1652
Examiner Name	Unknown Ramirez, D.
Attorney Docket Number	BB1179 USPCT

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>DR</i>		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 3702200, 10-02-1998, NAULA, N.	
<i>DR</i>		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 4336819, 10-29-1999, GOYETTE, P. ET AL., Gene Structure of Human and Mouse Methylenetetrahydrofolate Reductase	
<i>DR</i>		PHILIPPE GOYETTE ET AL., Mammalian Genome, vol. 9:652-656, 1998, Gene Structure of Human and Mouse Methylenetetrahydrofolate Reductase	
<i>DR</i>		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 4753778, 05-04-1999, HOMBERGER, A. ET AL., Revised translation initiation site of the human methylenetetrahydrofolate reductase	
<i>DR</i>		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 3212869, 04-05-00, LIN, X. ET AL., Sequence and analysis of chromosome 2 of the plant Arabidopsis thaliana	
<i>DR</i>		XIAOYING LIN ET AL., Nature, vol. 402:761-768, 1999, Sequence and analysis of chromosome 2 of the plant Arabidopsis thaliana	

Examiner
Signature

[Signature]

Date
Considered

2/27/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.